



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

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011898
split
2

D412-742-053
Job Sheet 198599



Part No: D412-742-053

Job Qty: 4 pcs

Part Name: Repl. Skidtube, DART (Apical) Tri-Bag Float Compatible - Fits LH or RH



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/31/19

Job Tracking No:

Due Date: 9/13/19

Created By: Marie Lajeunesse

Type: Stock

Description: SIOP

Note: IIN-D412-742-2 REV.A IPP REV:A 17.11.02 NEW ISSUE DD VERF:JFS IPP REV:B 18.08.20 AS PER CHG002 (DSI 9800) DD VERF:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	4 pcs	9/13/19	9/13/19	0.00	0.00	Packaging 1 - 1		SEP 13 2019
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		

DAS
74
9-89

SEP 13 2019



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CANADA
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Container No: S213816



Part: D412-742-053

Job No: 198599

Serial No/Batch: S213816

Revision: A

Inspector:

Exp Date:

Instructions: FAA STC SR01583SE 18/10/17, TC STC SH05-

115	Packaging 1-1 - Pick Kit - B4B 4 pcs	9/13/19	0.00 0.00	Packaging 1 - 31	
				Packaging 1 - 32	
				Packaging 1 - 33	
				Packaging 1 - 34	
				Packaging 1 - 35	
				Packaging 1 - 36	
				Packaging 1 - 1 - B4B	
				Packaging 1 - 2 - B4B	
				Packaging 1 - 3 - B4B	
				Packaging 1 - 4 - B4B	
				Packaging 1 - 5 - B4B	
				Packaging 1 - 6 - B4B	
				Packaging 1 - 7 - B4B	
				Packaging 1 - 8 - B4B	
				Packaging 1 - 9 - B4B	
				Packaging 1 - 10 - B4B	
				Packaging 1 - 11 - B4B	
				Packaging 1 - 12 - B4B	
				Packaging 1 - 13 - B4B	
				Packaging 1 - 14 - B4B	
				Packaging 1 - 15 - B4B	
				Packaging 1 - 16 - B4B	
				Packaging 1 - 17 - B4B	
				Packaging 1 - 18 - B4B	
				Packaging 1 - 19 - B4B	
				Packaging 1 - 20 - B4B	
				Packaging 1 - 21 - B4B	
				Packaging 1 - 22 - B4B	
				Packaging 1 - 23 - B4B	
				Packaging 1 - 24 - B4B	
				Packaging 1 - 25 - B4B	NE -
				Packaging 1 - 26 - B4B	
				Packaging 1 - 27 - B4B	
				Packaging 1 - 28 - B4B	
				Packaging 1 - 29 - B4B	
				Packaging 1 - 30 - B4B	
				Packaging 1 - 31 - B4B	
				Packaging 1 - 32 - B4B	
				Packaging 1 - 33 - B4B	
				Packaging 1 - 34 - B4B	
				Packaging 1 - 35 - B4B	
				Packaging 1 - 36 - B4B	
120	QC 4 4 pcs	9/13/19	0.00 0.00	QC 4 - 28	MAD
				QC 4 - 58	
				QC 4 - 69	
				QC 4 - 9	
				QC 4 - 46	
				QC 4 - 68	
				QC 4 - 72	
				QC 4 - 74	
				QC 4 - 75	
130	Packaging 3-1 - Stock - B4B 4 pcs	9/13/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	

				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
135	DC - 1 - B4B	4 pcs	9/13/19	0.00 0.00	DC - 1 - B4B
					DC - 2 - B4B
140	QC 21 - SA	4 pcs	9/13/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53

SEP 23 2019

SEP 23 2019 70 9-89

Part Op 110 - Packaging1-4 (Pick Kit)
Descriptions: 120 - QC4 (QC4- 100% Inspect kits for completeness)
130 - Packaging3-2 (Identify as per dwg & Stock Location:) Identify and pack for shipping as per PPP D412-742-053 Location :FG083
135 - DC (Document Control) Photocopy blue file and create labels per PPP D412-742-053 CHG002
140 - QC21 (QC21- Final Inspection - Work Order Release)NULL

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3C44A	Bolt	60 Ea (15 ea)	110-Packaging 1 - Pick Kit	5176409
D412-742-055	Thru-Bolt Full-Length Standard Wearplates, Bell Medium-Fits LH or RH	4 pcs (1 ea)	110-Packaging 1 - Pick Kit	5214957
D5513-1	Bushing	120 pcs (30 ea)	110-Packaging 1 - Pick Kit	5190870
MS21043-3	Nut	60 Ea (15 ea)	110-Packaging 1 - Pick Kit	5209168x22
D5425-043	Float Skidtube Assembly	4 pcs (1 ea)	115-Packaging 1-1 - Pick Kit - B4B	5193085x2
				5193260

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	AN3C44A	60	262	0
	D412-742-055	4	0	0
	D5513-1	120	296	0
	MS21043-3	60	764	0
115-Packaging 1-1 - Pick Kit - B4B	D5425-043	4	9	0

Part Specifications
Specifications could not be found.

Plex 7/31/19 12:51 PM Dart.lajeunesse.marie

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Water Jet ☐ Large Fab ☐ Finishing ☐ Rec/Store/Packaging ☐ Supplier ☐ Quality ☐																																														
Date :	Sequence #:	QTY Affected :		MRB (QS1042)																																														
Description Work Order Deviation		Disposition																																																
Root Cause <table><tr><td>Operator</td><td>☐</td></tr><tr><td>Manufacturing Process</td><td>☐</td></tr><tr><td>Equip/Tooling</td><td>☐</td></tr><tr><td>Handling/Preservation</td><td>☐</td></tr><tr><td>Material</td><td>☐</td></tr><tr><td>Product Improvement</td><td>☐</td></tr><tr><td>Process Improvement</td><td>☐</td></tr><tr><td>Human Factors</td><td>☐</td></tr></table>		Operator	☐	Manufacturing Process	☐	Equip/Tooling	☐	Handling/Preservation	☐	Material	☐	Product Improvement	☐	Process Improvement	☐	Human Factors	☐	FAULT CATEGORY <table><tr><td rowspan="8">Pressure/Forced Bending Crushing Cracks Crimp/Kink/Ripple/Wave/Twist Marks/Chatter Mislabeled Other/Details:</td><td rowspan="8">Contamination Misaligned/off center BOM/Route Broken/Damage/Defect Incomplete/Unclear Instructions Drill Holes Fit/Function</td><td rowspan="8">Power Loss/Surge Folio/Program Grain Direction Weld Wrong Stock Pulled Out of Sequence Off-set/Set-up</td><td>☐</td><td>Positioned Wrong</td></tr><tr><td>☐</td><td>Outside Tolerance</td></tr><tr><td>☐</td><td>Drawing</td></tr><tr><td>☐</td><td>Finish</td></tr><tr><td>☐</td><td>Part Lost/Missing</td></tr><tr><td>☐</td><td>Misread</td></tr><tr><td colspan="4">Completed By</td></tr><tr><td colspan="4">Lead hand / Supervisor</td></tr><tr><td colspan="4">QC / QA Coordinator</td></tr></table>						Pressure/Forced Bending Crushing Cracks Crimp/Kink/Ripple/Wave/Twist Marks/Chatter Mislabeled Other/Details:	Contamination Misaligned/off center BOM/Route Broken/Damage/Defect Incomplete/Unclear Instructions Drill Holes Fit/Function	Power Loss/Surge Folio/Program Grain Direction Weld Wrong Stock Pulled Out of Sequence Off-set/Set-up	☐	Positioned Wrong	☐	Outside Tolerance	☐	Drawing	☐	Finish	☐	Part Lost/Missing	☐	Misread	Completed By				Lead hand / Supervisor				QC / QA Coordinator			
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QC / QA Coordinator																																																		

5.2 D412-742-023 (DART TRI-BAG) Float Skidtube Installation Parts List

Item	Qty -023	Qty -053	Part Number	Description
	X		D412-742-023	FLOAT SKIDTUBE INSTALLATION
	1	X	D412-742-053	FLOAT SKIDTUBE
		1	D412-742-055	WEARPLATE KIT
		1	D5425-043	FLOAT SKIDTUBE ASSY.
1		*6	*D3672-1	*WASHER
2		30	D5513-1	BUSHING
3		*12	*D5512-1	*CROSSBOLT SPACER
5		*1	*D5525-3	*FLOAT SKIDTUBE
6		*1	*D5483-041	*TOW CAP ASSY.
7		*1	*D5484-041	*AFT CAP ASSY.
12		*18	*D5518-1	*CROSSBOLT SPACER
13		*6	*AN3C5A	*BOLT
14		15	AN3C44A	BOLT
15		*6	*NAS1149C0332R	*WASHER
16		15	MS21043L3	NUT
30	1		D5466-1	SADDLE, FWD INSIDE
31	1		D5467-1	SADDLE, FWD OUTSIDE
32	1		D5468-1	SADDLE, AFT OUTSIDE
33	1		D5469-1	SADDLE, AFT INSIDE
34	16		AN4C6A	BOLT
35	28		MS21043-4	NUT
36	32		NAS1149C0432R	WASHER
37	32		D3672-3	PHENOLIC WASHER
38	8		AN4C52A	BOLT
39	24		D5446-1	BUSHING
40	8		AN6C12A	BOLT
41	8		NAS1149C0632R	WASHER
42	8		D3672-9	WASHER
43	2		D2876	SADDLE SPACER
44	2		D2877	SADDLE SPACER
45	4		D2747	SET SCREW
46	2		D3533-1	SET SCREW
47	4		AN4C7A	BOLT
50	1		D3407-047	TOW RING
51	2		D5482-3	ACETAL WASHER
52	1		D3456-1	WASHER
60	1		D3405-041	GHW LUG
61	1		D3405-043	GHW LUG
62	4		AN4C47A	BOLT
63	8		D5482-1	ACETAL WASHER
71	75**		NAS1149C0332R	WASHER
72	6		D5513-1	BUSHING
73	3		MS21043-3	NUT
74	13		AN3C46A	BOLT

*DENOTES PART IS INCLUDED WITH D5425-043 ASSEMBLY

**INCLUDES ADDITIONAL WASHERS TO COMPENSATE FOR VARIANCE IN STACKUP THICKNESS

Change Record

PAGE 1 OF 1

Part Number: D412-742-053

Description: REPLACEMENT FLOAT SKIDTUBE

[illegible]